

Converting Colors

Hex(B200E3)

Have a look what the booklet for
Hex(B200E3) contains.

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Color

Hex(B200E3)

Conversions

Conversions Part 1

Format	Color
Hex	B200E3
RGB	178, 0, 227
RGB Percent	70%, 0%, 89%
CMY	0.3020, 1.0000, 0.1098
CMYK	0.22, 1.00, 0.00, 0.11
HSL	287°, 100%, 45%
HSV	287°, 100%, 89%
XYZ	32.2252, 15.0110, 73.8720
YIQ	79.1000, 33.2210, 108.3330

Conversions

Conversions Part 2

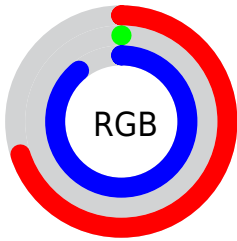
Format	Color
R_{YB}	178, 0, 227
Decimal	11665635
CIE _{Lab}	45.65, 82.92, -69.45
CIE _{LCh}	46, 108.161, 320.053
Yxy	15.0110, 0.2661, 0.1239
Android (android.graphics.Color)	4289855715 (0xFFB200E3)
YUV	79.1000, 72.9147, 86.7353
Hunter-Lab	38.7441, 80.6645, -85.9254

Details

The Hex color **B200E3** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **31E300**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **EF59FF**, and **7700AA** is the 20% darker color. If you saturate the color by 10%, you get **B200E3**, and if you desaturate by 10%, it is **B717E3**.

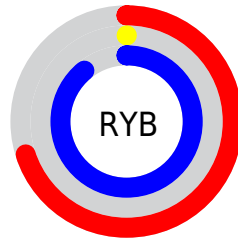
Distribution



Red (70%)

Green (0%)

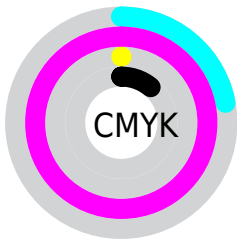
Blue (89%)



Red (70%)

Yellow (0%)

Blue (89%)

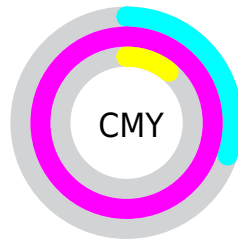


Cyan (22%)

Magenta (100%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (100%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B200E3 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B200E3 by changing the saturation by 10% instead.

 B200E3

 B200E3

FFFFFF

 9400C6

 EF59FF

 7700AA

 FF78FF

 59008F

 FF95FF

 3A0074

 FFB3FF


 19005B

 FFD1FF

 000042

 FFEFFF

 00032B

 000115

 000000

 B200E3

 B717E3

 BC2DE3

 C144E3

 C65BE3

 CB72E3

 CF88E3

 D49FE3

 D9B6E3

 DECCE3

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0064FF



B200E3



F4008E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B200E3



9D5E00



008DA9

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B200E3



31E300

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008A4A



B200E3



477A00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B200E3



D90D00



008600



008CF9

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B200E3



FE0053



008600



008C8A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B200E3



EEB3FF



0031E3



765280



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B200E3



C800FF



E300A3



706773



8C00B3



280033

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E30031



FF0037



00E340



73676A



B30027



33000B

Previews

White Background



This preview shows how the Hex color B200E3 looks on a white background.

Color Contrast Check

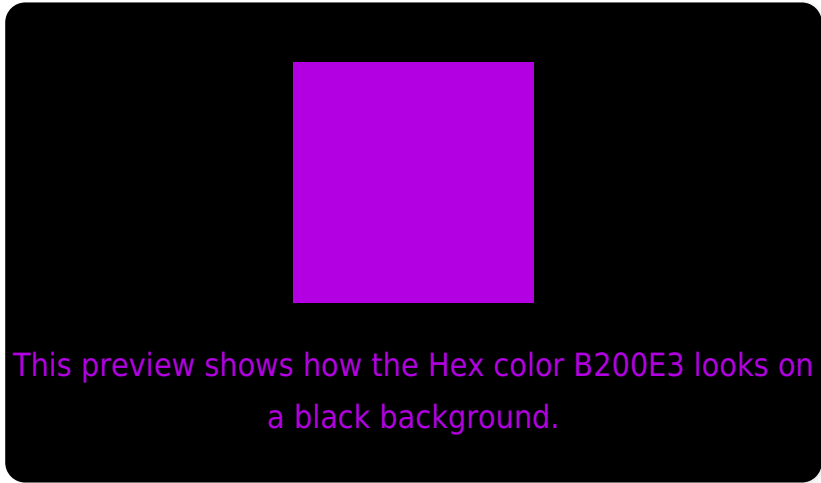
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

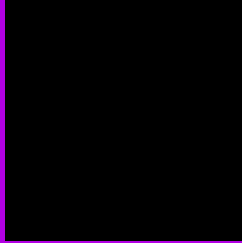
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B200E3 Background



This preview shows how black text looks on a background with the Hex color B200E3.

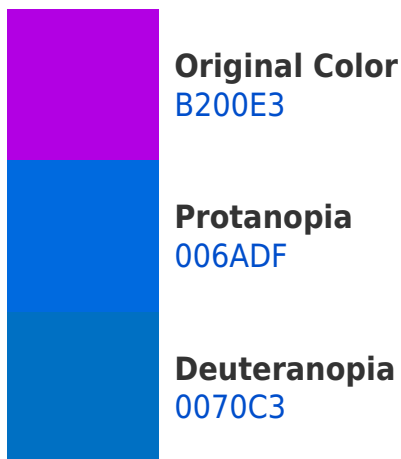



This preview shows how white text looks on a background with the Hex color B200E3.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
9F595F

Trichromacy



Original Color
B200E3



Protanomaly
4143E0



Deuteranomaly
4147CF



Tritanomaly
A6398F

Monochromacy



Original Color
B200E3



Achromatopsia
4F4F4F



Achromatomaly
733285

CSS Examples

Text

The CSS property to change the color of the text to Hex B200E3 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B200E3 looks like.

```
.text, #text, p{  
  color:#B200E3  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B200E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B200E3
}
```

Border

The CSS property to change the border of an element to Hex B200E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

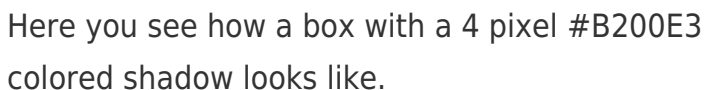
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B200E3 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B200E3 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B200E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B200E3; -webkit-box-shadow:4px 4px  
4px 4px #B200E3; box-shadow:4px 4px 4px  
4px #B200E3 }
```

Background

The CSS property to change the background color of an element to Hex B200E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B200E3 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B200E3 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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